

VOICE CARRIED ACROSS CONTINENT

AMERICAN TELEPHONE & TELEGRAPH COMPANY ACCOMPLISHES REMARKABLE TEST.

FROM NEW YORK TO FRISCO

New invention makes connection with wireless smoothly when telephone president talks to San Francisco, Cal.

New York.—Theodore N. Vail, president of the American Telephone & Telegraph company, picked up an instrument from his desk in his office at 15 Dey street Wednesday afternoon and said in quite an ordinary tone:

"Hello, Carly. This is Vail talking. Can you hear me?"

In the wireless tower of the United States navy yard at Mare Island, Cal., which is in San Francisco bay, and something like 3,000 miles from here, John J. Carly, chief engineer of the corporation and leading scientist in the business of communication, caught the voice of his friend.

"Yes, I hear you! This is fine! This is wonderful!" he said.

Another feat of distance obliteration had been accomplished. The sound of Vail's voice had crossed the continent, had spanned the thousand leagues of farm land, prairie, and mountain, almost entirely through the air, almost entirely without the use of wires. The wireless telephone, long sought, had been proved a complete success.

Vail's words went from his office over a wire, to the top of the United States naval radio tower at Arlington, Va., which is 650 feet high. From that point, without interruption, they leaped into the air and sped to the top of the naval radio station at Mare Island, which is 350 feet above sea level. There Carly heard them.

It was more than a wireless telephone test. It was a test of wire, then wireless communication.

Had there been a radio tower of sufficient height in New York City, the message might have been sent entirely through the air. But that would have been easier to do than what actually was done.

Carly's reply to the president of the company was made over a wire telephone, because there was no wireless sending apparatus at Mare Island. If there had been one, and a tower here, the entire conversation would have been through the air.

But—as if to make the thing more amazing than it really was—here was Vail in New York talking to his engineer across 3,000 miles of space, and the receiving end of the home instrument hearing his reply over 3,000 miles of wire.

"What a glorious success!" exclaimed Vail as he listened to Carly's voice. "I want to congratulate you and the others who have brought it about." This went by wire and air.

"What next?" answered the engineer. "We can't tell, eh?" This came by wire.

Vail spoke certain sentences through the air and asked Carly to repeat them to show he was actually hearing. To the president of the company and to a score or so of others who sat close to him, each with a receiver at his ear, came back the words, repeated exactly.

There was no doubt that the new marvel had been wrought successfully.

It was the culmination of many months of tests at lesser distances. It became known at the New York office of the telephone and telegraph company that in August Carly had talked with Lieut. Cranshaw, an army officer stationed at Panama, which is 1,800 miles away.

The discovery is of tremendous significance in the work of long-distance communication. For instance, it would have been much easier, it was declared by Carly from San Francisco, to have talked to London, Paris or Berlin than to talk to San Francisco. Were it not for the war that very thing might have been done.

It will eventually be a very simple matter, Carly said, to call up a friend who is on a ship in midocean and have a conversation with him. And, eventually, again, there will be no place—desert, mountain top, jungle—which will not have its telephone station, because the stringing of wires, Carly explained, will not be necessary. The remotest hamlet will simply have its wireless telephone.

Patrolman Shoots Police Chief. Oklahoma City, Ok.—Chief of Police W. B. Nichols was shot three times by Patrolman John Lung and John Biddle, another policeman, was wounded in the fight, which occurred in the police station.

Bushel of Wheat Nets Man \$275. Denver, Colo.—The world's sweepstakes for the best bushel of wheat displayed at the International Soil Products Exposition and Farm Congress was awarded to Seager Wheeler of Rosheen Saskatchewan. This bushel of wheat has netted Wheeler \$275.

Woman, 84, Wants to Enter Kansas U. Lawrence, Kan.—Mrs. Amy Winship, 84 years old, applied for permission to enroll as a student in the Kansas University.

Young Woman Killed by Auto. Los Angeles, Cal.—Miss Gilo Davenport, sister of the late Homer Davenport, cartoonist, is dead and her fiancé, Frank Traeven, is in a precarious condition as the result of an automobile accident.

Gen. Von Kluck Recovered. Berlin.—Gen. Alexander H. R. von Kluck, after a period of recuperation in the country, is now fully restored to health and is living in his Berlin home, according to an unofficial announcement made here.

LIQUID FIRE AS USED IN THE WAR



This photograph, taken recently "somewhere in France," shows how the French have taken a lesson from the Germans and have adopted the frightful liquid fire as a weapon of defense.

BANK OFFICIALS INDICTED

MEN WHO SUED McADOO ARE CHARGED WITH PERJURY.

Made False Affidavits as to Certain Dealings in Certain Stocks.

Washington, D. C.—Charles C. Clover, president of the Riggs National Bank; William J. Flather, vice president, and H. H. Flather, cashier, were indicted on a charge of perjury in connection with the bank's recent suit against Secretary McAdoo and Comptroller Williams.

Four indictments were returned against each of the bank officials, who are charged with perjury in making an affidavit which set forth that the bank never had engaged in stock market transactions and had no transactions with Lewis Johnson & Co., a defunct firm of local stock brokers. Attorneys for Secretary McAdoo and Comptroller Williams contended at the trial of the bank's suit that the books of Lewis Johnson & Co. showed many transactions in the names of the bank officials named. The case soon afterward was laid before a grand jury. Vice President Milton E. Alles and Joshua Evans, Jr., assistant cashier of the bank, were called to testify.

The indictments are a sequel to the suit of the bank, which alleged that Secretary McAdoo and Comptroller Williams, because of personal animus toward some of the bank's officers, had conspired to injure the institution.

ON TO VICTORY AND DEATH

Russian Nun Leads Soldiers to Charge When All Officers Were Slain.

Petrograd.—A Russian sister of charity, Mira Ivanova, was killed on the field of battle in a severe engagement Sept. 22. Headless of the atrocities of the officers near her, including her brother, who is a regimental surgeon, that she leave the field, she continued to care for the wounded amid a hail of rifle and machine gun fire.

The commander and all the other officers of the Tenth Company of her regiment were killed in the action. Realizing that the position was a critical one, she rallied the survivors of the company and with them charged the German line, drove it back and captured a German trench. At the moment of victory she fell, mortally wounded.

SIX NAVAL CADETS EXPELLED

Four Others Suspended for Year and 15 Set Down in Classes for Hazing.

Washington, D. C.—Six cadets at Annapolis were dismissed, four were suspended for one year and fifteen were turned back to the next lower class as a result of hazing investigations at the naval academy, Secretary Daniels announced.

F. W. Benson, a son of Admiral Benson, chief of operations in the navy, and A. B. Craig, the son of Gov. Craig of North Carolina, are among the 15 ordered set back.

Record Payroll in Pittsburgh.

Pittsburg, Pa.—Reports of five of the largest banks carrying the payroll of big corporations in the Pittsburgh district show that the October pay will approximate \$22,000,000, exceeding that of any month by at least 15 per cent.

Fewer Failures in Germany.

Berlin.—The number of bankruptcies in Germany from July to September of this year was 981, as compared with 1,608 during the same period of last year.

Bank Cashier Sentenced.

Devall Bluff, Ark.—B. E. Walker, former cashier of the Bank of Hason, Hason, Ark., was sentenced to two years in the penitentiary, after he was found guilty in circuit court of embezzlement and making false entries.

Commons Passes Motor Duties.

London.—By a vote of 174 to 8 the house of commons passed the motor import duties proposed in the budget presented by Reginald McKenna, chancellor of the exchequer.

BANDITS SMASH WINDOW

SEIZE \$13,000 IN GEMS BUT ARE CAUGHT.

Sleepy Philadelphia Aroused Long Enough to Be Shocked by Robbers' Daring.

Philadelphia, Pa.—Armed with revolvers and a hatchet, two bandits smashed the plate glass window of Kennedy & Bros., jewelry store, in the heart of the business and shopping district, snatched diamonds and gems aggregating more than \$13,000 in value, and fled, firing into the crowd as they ran.

One of the bandits later was captured after a sensational chase through the streets and some of the diamonds were recovered. The robbery, the police declare, surpasses in daring anything of the kind ever attempted here.

Hundreds of women screamed when they heard the crash of glass and every one ducked for cover when the shooting started.

Both bandits dashed down thirteenth street, one throwing off the trail the big crowd of men and boys who started in pursuit by running into an office building. On his way through the building he dropped a tray of diamonds, which was found and returned to the owners by a messenger boy.

The other bandit came to grief several squares from the scene of the robbery when he ran into the arms of an ice wagon driver. He gave his name as Nathan Heller, of New York.

KISSWORKS TRANSFORMATION

Comes Into Court a Witness, Gets Five Days for Too Airy Conduct.

Baltimore, Md.—Swishing up the aisle of criminal court and bestowing a sweet smile on Assistant State's Attorney Harry W. Nice, seated at the trial table as she passed, Mary Graden bowed deferentially to Judge Bond and then threw him a kiss.

She had no other intention than to indicate her arrival to the court. She was a witness.

A moment after she had transmitted the kiss a transformation was effected. She became a prisoner. Judge Bond sentenced her to five days in jail for contempt of court.

NO BREACH OF PROMISE SUIT

Woman After Dr. John Wesley Hill Only Wants Business Accounting.

Alpena, Mich.—Miss Lucille Covington, in whose behalf a suit for \$100,000 was filed in New York against the Rev. John Wesley Hill, says the action is not for breach of promise, but for an accounting for money she gave to Dr. Hill to invest.

Miss Covington in an Alpena on business connected with a fraternal order for which she is district manager. The report of a breach of promise suit was absurd, she said.

Missouri Civil War Nurse Elected.

Washington.—The Army Nurses of the Civil War elected Mrs. Alice C. Rivey of Jefferson City, Mo., president.

Man Found Dead on Father's Grave.

Florida, Ill.—Jonas Ewert, a business man of Yates City, Ill., who has been missing since Sept. 20, was found dead on his father's grave in the cemetery at Elmwood, Ill. The body had lain in the open for at least a week.

Spanish Ship Foundered.

Madrid, Spain.—The Spanish steamer Millan Carrasco, of 667 tons, foundered off Luarca Thursday. It was reported that her entire crew was lost. The Millan Carrasco was owned by a Cadiz shipping company.

Parole Denied to Evelyn Arthur See.

Joliet, Ill.—Evelyn Arthur See, founder of the so-called absolute life cult and its former high priest, was denied a parole by the state parole board when that body convened at the prison.

Pays 10 Cents an Ear for Corn.

Denver, Colo.—T. Z. Chang, Chinese minister of agriculture, purchased 50 ears of corn that won the sweepstakes prize at the International Soil Products Exposition in session here, for 10 cents an ear.

A THRILLER AT FAIR

Girl Balloonist Hangs Half an Hour by Her Hands in Air Over Sedalia.

COULDN'T CUT LOOSE TRAPEZE

Thousands of Spectators Held Their Breath as Girl Swung Above Them—Landed Safely at Last.

Thousands of visitors to the Missouri State Fair, including Governor Major, held their breath and women and children screamed with fright when Miss Pearl Fay Piercy, 19 years old, who is visiting her sister, Mrs. H. W. Shutte of Sedalia, and who is a daughter of Mr. and Mrs. B. L. Piercy of Denver, held by her hands with wristbands to the trapeze bar of a balloon five thousand feet in the air for thirty-five minutes, unable to cut loose the parachute on which she was to descend from the big balloon.

Miss Piercy had signified her intention to accept Johnny Mack's invitation to take a girl on the flight with him, as a feature attraction of the fair. Accompanied by Mack, Miss Piercy, seated on the trapeze bar, waved her hands to the thousands of witnesses seated in the grandstand, as the big balloon slowly ascended.

As the balloon rose higher and higher the crowd below waited for the parachute leap. Then the voices were hushed when Miss Piercy was seen to take a sudden drop, catching the trapeze bar by her hands as she fell, placing her in such a position that she was unable to cut loose the parachute because of the inability to use her hands. The balloon ascended one thousand feet higher with the girl aeronaut in this position and drifted several miles, followed by thousands from the fair grounds. Miss Piercy was encouraged to keep her hold by her companion, who was doing all in his power to cause the balloon to descend. By a superhuman effort the pair held on until the gas in the big bag became cooled, causing the balloon to gradually descend and Miss Piercy landed unhurt in a field several miles from the fair grounds.

Found Glass Over Baby's Eye.

When Mrs. E. F. Gaekler, wife of a St. Joseph merchant, noticed that one of the eyes of her 3-months-old baby was irritated she took the child to a physician, who told her, after an examination, that nothing was wrong with the eye. The child continued to cry and the mother took it to an oculist, who removed a concave glass that fitted snugly over the ball. The 3-year-old sister of the baby had taken a piece of glass from the eye of a toy cat and placed it in the baby's eye because she thought it pretty. The injury to the baby will not be permanent.

Conductor Died of Injuries.

A. P. Anterief of New Franklin, 33 years old, conductor of a train from New Franklin to Moberly, is dead from injuries received while making a coupling at Higbee. He leaves a widow and two children. Mrs. Anterief is a daughter of Postmaster J. D. Settles of New Franklin.

"Dead" An Hour; Revived.

After being apparently dead for more than an hour, and an undertaker had been called in, W. V. Cunningham, 35 years old, a farmer who lives near Willow Springs, was revived in a hospital at Springfield and physicians said that he may recover.

Both Races Mourned for Him.

Pryor Shelby, a faithful negro of the old type, is mourned by all Clinton. Whites as well as blacks sent flowers to his funeral, which was attended by most of the town.

Masons Elect Jesse Grand Master.

Frank R. Jesse of Webster Groves was elected grand master of the Missouri grand lodge of Masons at the ninety-fifth annual meeting at St. Louis recently.

Big Quarry Deal Closed.

The biggest quarry deal in the history of the Carthage field was consummated when John Gill & Sons Co., who are erecting the new Missouri capitol, purchased the quarry and plant of the Carthage Superior Company for \$100,000.

Carthage Church to Cost \$40,000.

At a recent meeting the First Presbyterian Church, of Carthage voted to build a \$40,000 stone structure. Work will begin at once, the needed money having been raised after a campaign extending over a period of twelve years.

Boy of 8 Slew Accidentally.

While playing with a rifle, Robert Leonard, 6 years old, son of a patrolman, shot and killed James Cavanaugh, 24 years old, at St. Louis the other night.

A. B. Little Dead at Moberly.

A. B. Little, former city clerk and president of the Moberly board of education, is dead at Moberly. He is survived by a widow and four brothers.

Wild Dogs Attack Cattle.

Stock raisers near Nevada are searching for a pack of half wild dogs that has been attacking milk cows the last few weeks. Fine cows have been found in their pastures badly torn about the nose and haunches, and unable to rise. The marks indicate the leader of the pack is a bulldog.

Enrollment at U. of M. is 2,728.

The enrollment in the University of Missouri for the winter session now is 2,728, an increase of 357 over that of last year.

Woman to be a Stock Judge.

Mrs. William F. Anderson, wife of the commissioner of agriculture from Russia to the United States, has the distinction of being the first woman to enroll for a course in stock judging in the college of agriculture of the University of Missouri.

A Bull Kills Farmer.

Steven Koellen, a Warren County farmer, was found dead, evidently killed by a vicious bull in a field of cowpeas. His abdomen was pierced and his body mangled.

NEVADA ORPHANAGE BURNS

Attendants at Catholic Institution Succeed in Saving All Inmates—To Rebuild Structure.

Seventy-five children, all in their night clothes, were led to safety by the sisters of the St. Francis orphan's home near Nevada, when that structure was destroyed by fire the other night. The loss was \$75,000 and the orphanage was insured for about a third of that amount.

The children were taken to Nevada in automobiles and spent the night in the armory of the Missouri National Guard and in a department store. The fire was started accidentally by one of the children who went to a closet with a lantern.

Bishop Lillis of Kansas City gave his personal check for \$1,000 to aid those who suffer from the destruction of St. Francis's Catholic Orphanage. The fire left the sisters of the institution practically penniless, with no means to provide for the four score children whose home the convent was.

Most of the children are orphans. Besides the large building the fire swept away the coal, sugar and flour supply for the winter and destroyed almost two thousand dollars of canned fruit and preserves and other provisions. The children are being cared for in an improvised building given by a citizen, and fed by the management of a hotel. A department store contributed bed clothing. By subscription several thousand dollars has already been raised.

TO KILL THE GRAIN WEEVIL

Use of Carbon Bisulphide Advised in Bulletin Recently Issued by the State University.

Methods of exterminating moths and weevils that attack grain in the stack or in shock, are set forth in a bulletin just issued by the college of agriculture of the University of Missouri. The bulletin, prepared by T. J. Talbert, said in part:

"A simple, cheap treatment with carbon bisulphide will destroy all the weevils and moths that infest stored grains. One pound of liquid for every thirty bushels of grain will be enough if the bin is tight and the temperature above 70. Another pound should be used for every two hundred cubic feet of space above the grain in the bin.

"The liquid may be thrown directly on the grain without injury, but better results will be obtained by pouring it into shallow pans, scattered over the surface, or it may be poured upon old rags or cotton waste. One-half pound, or at most not more than a pound, should be poured into each pan."

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NOT A MATTER OF PIETY

Brother John Had His Own Reasons for His Close Personal of Scriptures.

The parson of a small country church was rambling along the road when it suddenly occurred to him to call on a citizen named Jones, who was known to be rather indifferent about church attendance. The place was soon reached, and entering the garden gate the pastor was surprised to see Jones sitting on the veranda with a large Bible in his hands.

"Ah, Brother Jones," said the parson with a smile of satisfaction, "I am glad to see you so attentively perusing your Bible."

"Yes," responded Jones. "There are times when it comes in mighty handy."

"Perhaps I might be able to help you," generously volunteered the domineer. "Were you looking for any particular passage?"

"No," was the startling reply of Jones. "Twins have just come to our house, and mother asked me if I wouldn't look up a couple o' names for 'em."

Hardly Likely. Some time ago an elderly gentleman was cycling down a narrow street in Waterford, when a dog suddenly rushed out from a doorway and, getting under his wheel, threw him on the ground in a sitting position. The dog, seeming to enjoy the situation, circled round and round, barking playfully. A boy who was passing at the time stood staring at the performance for a few minutes, and then asked in a quiet tone:

"Did you fall, Mr. D—?"

"Of course I did," said Mr. D—, angrily, while getting up and brushing the dust off his clothes.

"Oh," replied the boy, as he strolled away, "I thought you couldn't have set down just to play with the dog."

It's Part of His Job. House-Hunter—Seems to me this house isn't very well built. The floor shakes when we walk.

Agent—Um—y—s; that's the new kind of spring floor for dancing, you know.

House-Hunter—And these stairs creak terribly.

Agent—Y—s. We furnish this new patent burglar alarm staircase without extra charge.

No Note in His Eye. "What are you studying now?" asked Mrs. Johnson.

"We have taken up the subject of molecules," answered her son.

"I hope you will be very attentive and practice constantly," said the mother. "I tried to get your father to wear one, but he could not keep it in his eye."—Kansas City Star.

Underground Fighting. Mrs. Church—Wouldn't your husband like to go and fight in the trenches?

Mrs. Gotham—No; trying to get a seat in the subway is about all the underground fighting he wants.—New York Telegram.

What every mother needs is more kindness and sympathy while she is alive and less flapping after she is dead.

Helped Considerably. "I presume there was a Lovers' lane at the summer resort you visited?"

"I think not."

"But, surely, there were some accommodations for spooning?"

"Well, the power plant was defective and the lights went out two or three times in the course of an evening."

An average man breathes about 21 cubic feet of air into his lungs every hour.

Advertisement for Grape-Nuts cereal. It features an illustration of a man sitting at a desk with a sign that says "MAN WANTED". The text promotes Grape-Nuts as a nutritious food, stating it is made of wheat and malted barley, and is especially designed to offset the lack of certain vitamins. It claims to be a "food especially designed to offset the lack" of certain vitamins and is sold by Grocers everywhere. The headline reads "Many Positions Carrying Large Salaries" and "Grape-Nuts".